

G Block cells

SECTION A-A

H=1930 THRU H=3150

For details not shown, see other details

H=3759 THRU H=4978

Ça bars

SECTION A-A

For details not shown, see other details

၉ b bars-

SECTION B-B



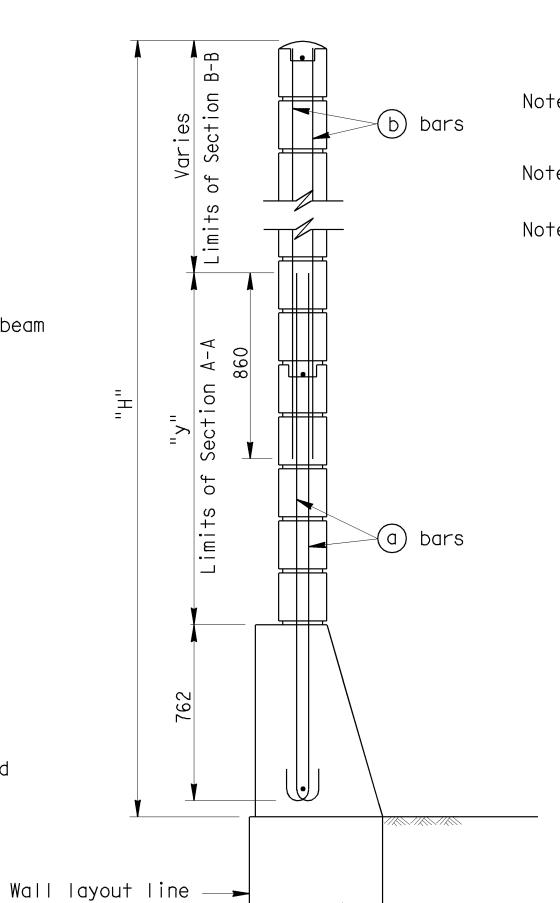
DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

The State of California or its officers or agent shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

SOUNDWALL REINFORCEMENT TABLE										
Maximum H	a bars @ 406 max	b bars @ 406 max	"y"	f'm (MPa)	Compressive Strength of CMU (MPa)	Maximum H				
1930	#13			10.34	13.1	1930				
2540	#13			10.34	13.1	2540				
3150	#13			10.34	13.1	3150				
3759	#16	#13	1524	10.34	13.1	3759				
4369	#19	#13	2134	10.34	13.1	4369				
4978	#19	#13	2743	17.24	25.6	4978				



H=3759 THRU H=4978

Note I: For details not shown, see "SOUNDWALL WITH BARRIER ON RETAINING WALL - MASONRY BLOCK -- DETAILS NO.2" sheet.

Note II: Slope ground at traffic side of barrier to drain. Maximum slope ±10%.

Note III: See "SOUNDWALL MASONRY BLOCK - MISCELLANEOUS DETAILS" sheet for other details.

GENERAL NOTES

Note A: For type of block and joint finish, see other sheets.

Note B: When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2-3.76 mm wire continuous at 1219 mm maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.

Note C: Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.

Note D: For intermediate wall heights that are between the "H's" given. Use the tabular information for the next higher "H".

Note E: Masonry strengths are listed in "SOUNDWALL REINFORCEMENT TABLE".

Note F: Class 2 concrete to be used for the barrier.

For details not shown, see H=3759 thru H=4978 For details not shown, see H=1930 thru H=3150 TYPICAL SECTIONS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

NO SCALE

STANDARD DRAWING MASONRY BLOCK WITH BARRIER BRIDGE NO. SOUNDWALL -STATE OF DIVISION OF ON RETAINING WALL W.C. WALKER RELEASE 7/3/03 D. DUNRUD CALIFORNIA **ENGINEERING SERVICES** ILOMETER POST R. YEE Mobesto Vacable ETAILS W.C. WALKER DETAILS NO. 1 xs15-130-1 DEPARTMENT OF TRANSPORTATION D. DUNRUD 11/94 S OSD 2147A (METRIC) (REV. 2/25/97) CU DISREGARD PRINTS BEARING EARLIER REVISION DATES _ ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

H=1930 THRU H=3150

-Full mortar bed joint at top of concrete

ground

180° hooks typ.

turn hooks as

required

Approx finished

barrier

`#16 cont

USERNAME => jsanchez

xs15-130-1.dgn